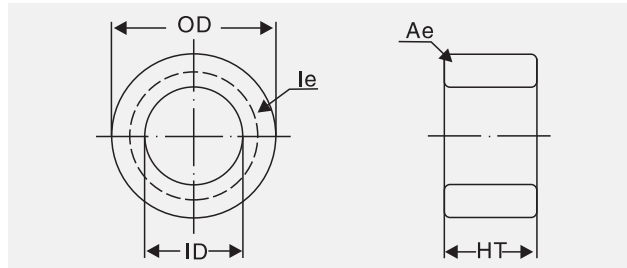


SPECIFICATION FOR APPROVAL

1. Material

Production:	Iron Powder Cores
KDM.P/N:	KT400-14D
A_L :	$45.5(nH/N^2) \pm 10\%$
Material:	-14
Coating Color:	Black/Red
Coating material:	epoxy
Coating Breakdown Voltage:	800Vrms.0.5mA. 2sec



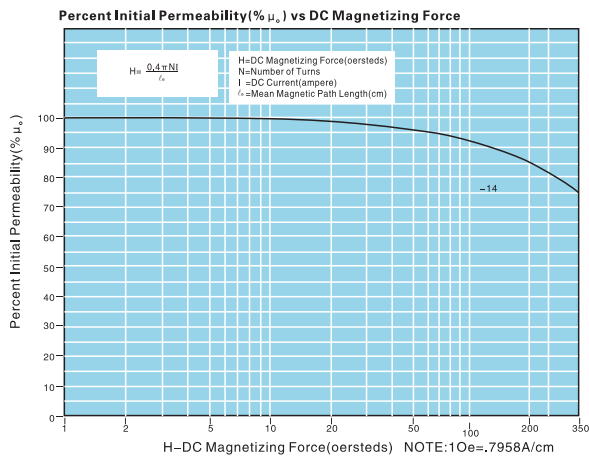
2. Physical Characteristics

After Coating			l_e (cm)	A_e (cm ²)	V (cm ³)	W (cm ²)	Weight	Box Quantity (Pieces)
OD mm	ID mm	Ht mm						
102.0 ± 0.95	57.2 ± 0.95	33.0 ± 0.95	25.000	6.850	171.000	25.683	921.6g	10

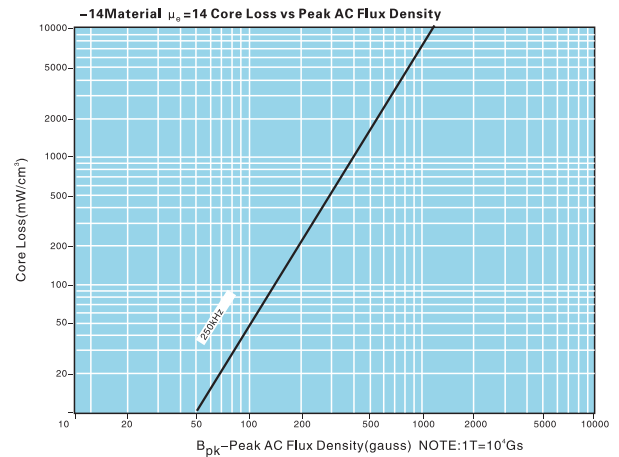
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

Test Item	Test Condition	Value(Typical)
Inductance	ϕ 0.29mm/20Ts, 10kHz/1V, $I_{DC}=0A$	18.2 μ H ± 10%
DC-Bias	ϕ 0.5mm/100Ts, 10kHz/1V, L(10.0A)/L(0A) × 100%($H_{DC}=50Oe$)	90%(Min.)
Q	ϕ 0.29mm/20Ts, 200kHz/1V, $I_{DC}=0A$	15(Min.)
Remarks		

DC-Bias Curves(Typical)



Core Loss Curves(Typical)



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